

AMENDMENTS TO THE SPECIFICATION

Please **replace the specification** with the attached Substitute Specification.

Please **revise the Abstract of the Disclosure** as follows:

~~The present invention relates to an antenna system and method. The~~ An antenna system and method for measuring azimuth and elevation angles of an active, signal sending radiosonde (31), ~~comprises~~ The system includes a first passive antenna group (13) ~~comprising having~~ at least two antenna arrays (11a, 11b), the direction pattern of which is wide at least in elevation plane for measuring azimuth angle ~~of the radiosonde (31)~~ based on the phase differences between the antenna arrays (11a, 11b), a second passive antenna group (12) ~~comprising group having~~ at least two antenna arrays (10a, 10b), the direction pattern of which is wide at least in elevation plane for measuring the elevation angle ~~of the radiosonde (31)~~ based on the phase differences between the antenna arrays (10a, 10b) and the rotational position of the antenna-field (1) field, and at least one third ~~antenna (8)~~ antenna having high gain for receiving the telemetry signal, the direction pattern of which ~~element (8)~~ element is narrow in azimuth plane and wide in elevation plane. ~~According to the invention first (13) and second (12)~~ The first and second antenna groups form a solid antenna field (1), ~~and antenna-field (1) which~~ is fixedly tilted in a predetermined elevation position.

(Fig. 1a)